



RG 59/ U-4 F



RG 59/ U-6 F



#### Construction:

	RG 59/ U-4 F	RG 59/ U-6 F
Inner Conductor (mm) Ø	0,80 Cu	0,80 Cu
Insulation (mm) Ø	FPE 3,66	FPE 3,66
Outer Conductor	AL-PES	Cu-PES
Braid	55% SnCu	55% Cu
Outer sheath	PE	PE
Colour	Black	Black
Outer Diameter (mm)	5,80	5,80

PE : Polyethylene  
 AL-PES : Aluminium Polyester Tape  
 Cu : Plain Copper  
 Cu-PES : Plain Copper Coated Polyester Tape  
 SnCu : Tinned Copper  
 FPE : Physical Foam Polyethylene  
 HFFR : Halogen Free, Flame Retardant

#### Technical data and tests:

	RG 59/ U-4 F	RG 59/ U-6 F
Attenuation (20°C)	( dB/100m)	( dB/100m)
100 MHz	8	7,9
200 MHz	11,5	11,3
400 MHz	17,1	16,8
600 MHz	21,2	20,8
800 MHz	23,6	23,2
1000 MHz	26,6	26,1
1350 MHz	31,3	30,8
1750 MHz	35,8	35,3
2150 MHz	40,3	39,2
Operating Voltage	1,1 kV	1,1 kV
Test Voltage	2,5 kV	2,5 kV
Min. Bending Radius (mm)	10xD	10xD
Temperature Range	-40 +70° C	-40 +70° C
Impedance (ohm)	75 ± 3	75 ± 3
Propagation velocity ratio	0,82	0,82
Insulation resistance	> 2000	> 2000
Capacitance (pF/m)	54	54

#### Applications:

These 75 ohm cables are used as connection cable in CATV, CCTV, satellite and common antenna TV systems for which low attenuation is required. These PE sheathed cables can be used at outdoor applications.

